

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY



(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

REC'D 14 OCT 2005

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Applicant's or agent's file reference PC26205A		<b>FOR FURTHER ACTION</b>		See Form PCT/PEA/416
International application No. PCT/IB2004/003581		International filing date (day/month/year) 01.11.2004 ✓	Priority date (day/month/year) 14.11.2003 ✓	
International Patent Classification (IPC) or national classification and IPC A61K9/14, A61K31/404				
Applicant PFIZER PRODUCTS INC. ✓				
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet. ✓</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> sent to the applicant and to the International Bureau) a total of sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>				
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the opinion</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>				
Date of submission of the demand 06.12.2004 ✓		Date of completion of this report 13.10.2005		
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized Officer Felder, C Telephone No. +49 89 2399- 		

**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/IB2004/003581

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**Box No. I Basis of the report**

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1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language , which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements\*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

**Description, Pages**

1-26 as originally filed

**Claims, Numbers**

1-16 as originally filed

- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
  - ☐ the claims, Nos.
  - ☐ the drawings, sheets/figs
  - ☐ the sequence listing (*specify*):
  - ☐ any table(s) related to sequence listing (*specify*):
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages
  - ☐ the claims, Nos.
  - ☐ the drawings, sheets/figs
  - ☐ the sequence listing (*specify*):
  - ☐ any table(s) related to sequence listing (*specify*):

\* If item 4 applies, some or all of these sheets may be marked "superseded."

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**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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**1. Statement**

Novelty (N)	Yes: Claims	1-16
	No: Claims	
Inventive step (IS)	Yes: Claims	1-16
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-16
	No: Claims	

**2. Citations and explanations (Rule 70.7):**

**see separate sheet**

**Re Item V.**

Reference is made to the following documents:

- D1 : WO 03/002533 A (PFIZER PRODUCTS INC; BERTINATO, PETER; BLIZE, ALAN, ELWOOD; BRONK, BRI) 9 January 2003 (2003-01-09)  
D2 : EP 0 901 786 A (PFIZER PRODUCTS INC) 17 March 1999 (1999-03-17)  
D3 : WO 03/063832 A (PFIZER PRODUCTS INC; CURATOLO, WILLIAM, JOHN; GUMKOWSKI, MICHAEL, JON;) 7 August 2003 (2003-08-07)

The present application describes a solid amorphous dispersion comprising the specific drug A, a microsomal transfer protein inhibitor (MTP inhibitor), and a polymer, wherein said drug A is present in an amount of at least 40% by weight and the process for forming thereof.

**1. Novelty**

Document **D1** discloses the specific drug A, a microsomal transfer protein inhibitor (MTP inhibitor) and the use of such a drug in the treatment of obesity.

Document **D2** discloses a solid amorphous dispersion comprising different drugs and a polymer, wherein said inhibitor is present in an amount of at least 40% by weight and the process for forming thereof.

Document **D3** discloses a solid amorphous dispersion comprising cholesteryl ester transfer protein inhibitors and a polymer, wherein said inhibitor is present in an amount of at least 40% by weight and the process for forming thereof.

Therefore, the subject-matter of claims 1-16 is seen as novel (Article 33(2) PCT).

**2. Inventive step**

- 2.2 The problem to be solved by the present invention may be regarded as to develop a formulation to bring said drug A in a solid amorphous dispersion. The solution to this problem proposed in claims 1-16 of the present application is considered as involving an inventive step (Article 33(3) PCT) for the following reasons: Non of the cited

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(SEPARATE SHEET)**

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documents D1-D3 discloses or suggests such a solid amorphous dispersion with said drug A.

**3. Industrial applicability**

The subject-matter of the present claims 1-16 is regarded as industrial applicable.